

CLAIMS

1. An elevator control system in which an elevator group management device which manages a plurality of elevators as a group is installed, a validation device is installed at a security gate installed at an entrance of a building, and when validation is made by the validation device, the security gate opens to allow a validated person to move to an elevator hall of an entrance floor, characterized by comprising:

validation information transmission means which transmits validation information to a corresponding bank out of a plurality of banks of the elevator hall based on destination floor validation information of said validation device;

indoor population counting means which counts indoor population of each floor from said validation information;

car assigning means which assigns a car to each destination floor of a passenger from said validation information;

destination floor display means which displays a destination floor on the entrance floor elevator hall for each assigned car; and

call automatic registration means which automatically registers a destination call of the destination floor in the car when detecting riding of the passenger.

2. An elevator control system in which an elevator group management device which manages a plurality of elevators as a group is installed, a validation device is installed at a security gate installed at an entrance of a building, and when validation is made by the validation device, the security gate opens to allow a validated person to move to an elevator hall of an entrance floor, characterized by comprising:

validation information transmission means which transmits validation information to a corresponding bank out of a plurality of banks of the elevator hall based on destination floor validation information of said validation device;

car assigning means which assigns a car to each destination floor of a passenger from said validation information;

destination floor display means which displays a destination floor on the entrance floor elevator hall for each assigned car;

call automatic registration means which automatically registers a destination call of the destination floor in the car when detecting riding of the passenger; and

special operation selection means which selects an operation peculiar to a user from personal validation information of said validation device.

3. An elevator control system in which an elevator group management device which manages a plurality of elevators as a group is installed, a validation device is installed at a security gate installed at an entrance of a building, and when validation is made by the validation device, the security gate opens to allow a validated person to move to an elevator hall of an entrance floor, characterized by comprising:

validation information transmission means which transmits validation information to a corresponding bank out of a plurality of banks of the elevator hall based on destination floor validation information of said validation device;

car assigning means which assigns a car to each destination floor of a passenger from said validation information; and

standby time adjustment means which adjusts a door-opened standby time at the elevator hall of the entrance floor in accordance with a distance from said security gate to the corresponding bank.

4. An elevator control system in which an elevator group management device which manages a plurality of elevators as a group is installed, a validation device is installed at a security gate installed at an entrance of a building, and when validation is made by the validation device, the security gate to opens to allow a validated person to move to an elevator hall of an entrance floor, characterized by comprising:

validation information transmission means which transmits validation information to a corresponding bank out of a plurality of banks of the elevator hall based on destination floor validation information of said validation device;

car assigning means which assigns a car to each destination floor of a passenger from said validation information;

destination floor display means which displays a destination floor on the entrance floor elevator hall for each assigned car;

call automatic registration means which automatically registers a destination call of the destination floor in the car when detecting riding of the passenger; and

standby time adjustment means which adjusts a door-opened standby time at the elevator hall of the entrance floor in accordance with a distance from said security gate to the corresponding bank.